

L Number	Hits	Search Text	DB	Time stamp
11	298	self and monolayer and polar and solvent and reactive and surface and (mold\$ or flat)	USPAT	2004/09/23 16:10
12	241	self and monolayer and polar and solvent and reactive and surface and (mold\$ or flat) and hydrophobic	USPAT	2004/09/23 16:10
13	203	self and monolayer and polar and solvent and reactive and surface and (mold\$ or flat) and hydrophobic and hydrophilic	USPAT	2004/09/23 16:10
14	198	self and monolayer and polar and solvent and reactive and surface and (mold\$ or flat) and hydrophobic and hydrophilic and polymer	USPAT	2004/09/23 16:10
15	176	self and monolayer and polar and solvent and reactive and surface and (mold\$ or flat) and hydrophobic and hydrophilic and polymer and (polystyrene or polyolefine or polyacrylate or silicone or polyvinyl or polyurethane or polyacrylate)	USPAT	2004/09/23 16:11
16	49	self and monolayer and polar and solvent and reactive and surface and (mold\$ or flat) and hydrophobic and hydrophilic and polymer and (polystyrene or polyolefine or polyacrylate or silicone or polyvinyl or polyurethane or polyacrylate or polyphosphazene) and (surgical or surgery)	USPAT	2004/09/23 16:11
17	56	self and monolayer and polar and solvent and reactive and surface and (mold\$ or flat) and hydrophobic and hydrophilic and polymer and (polystyrene or polyolefine or polyacrylate or silicone or polyvinyl or polyurethane or polyacrylate or polyphosphazene) and (surgical or surgery) and pore	USPAT	2004/09/23 16:12
18	3	self and monolayer and polar and solvent and reactive and surface and (mold\$ or flat) and hydrophobic and hydrophilic and polymer and (polystyrene or polyolefine or polyacrylate or silicone or polyvinyl or polyurethane or polyacrylate or polyphosphazene) and (surgical or surgery) and pore and photoreactive	USPAT	2004/09/23 16:12
19	3	self and monolayer and polar and solvent and reactive and surface and (mold\$ or flat) and hydrophobic and hydrophilic and polymer and (polystyrene or polyolefine or polyacrylate or silicone or polyvinyl or polyurethane or polyacrylate or polyphosphazene) and (surgical or surgery) and pore and photoreactive and ketone	USPAT	2004/09/23 16:12

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Date: 9/23/2004


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## Inventor Name Search Result

Your Search was:

Last Name = GUIRE

First Name = PATRICK

Application#	Patent#	Status	Date Filed	Title	Inventor Name 51
<u>60583171</u>	Not Issued	020	06/24/2004	BIODEGRADABLE MEDICAL DEVICE	GUIRE, PATRICK E.
<u>60327441</u>	Not Issued	159	10/05/2001	PARTICLE IMMOBILIZED COATINGS AND USES THEREOF	GUIRE, PATRICK E.
<u>60078383</u>	Not Issued	159	03/18/1998	LATENT REACTIVE BLOOD COMPATIBLE AGENTS	GUIRE, PATRICK E.
<u>10759853</u>	Not Issued	030	01/15/2004	SELF ASSEMBLING MONOLAYER COMPOSITIONS	GUIRE, PATRICK E.
<u>10422160</u>	Not Issued	083	04/24/2003	LATENT REACTIVE BLOOD COMPATIBLE AGENTS	GUIRE, PATRICK E.
<u>10357679</u>	Not Issued	030	02/03/2003	REPLICABLE PROBE ARRAY	GUIRE, PATRICK E.
<u>10346691</u>	Not Issued	041	01/15/2003	REPLICABLE PROBE ARRAY	GUIRE, PATRICK E.
<u>10261110</u>	Not Issued	041	09/30/2002	PARTICLE IMMOBILIZED COATINGS AND USES THEREOF	GUIRE, PATRICK E.
<u>10233071</u>	Not Issued	030	08/30/2002	HIGH DENSITY ARRAYS	GUIRE, PATRICK E.
<u>10207944</u>	<u>6555587</u>	150	07/29/2002	LATENT REACTIVE BLOOD COMPATIBLE AGENTS	GUIRE, PATRICK E.
<u>10192917</u>	Not Issued	030	07/09/2002	TARGET MOLECULE ATTACHMENT TO SURFACES	GUIRE, PATRICK E.
<u>10163012</u>	<u>6689473</u>	150	06/04/2002	SELF ASSEMBLING MONOLAYER COMPOSITIONS	GUIRE, PATRICK E.
<u>09972687</u>	Not Issued	120	10/05/2001	RANDOMLY ORDERED ARRAYS AND METHODS OF	GUIRE, PATRICK E.

				MAKING AND USING	
<u>09972116</u>	Not Issued	120	10/05/2001	ARRAYS HAVING CLUSTERED ARRANGEMENTS AND METHODS OF MAKING AND USING	GUIRE, PATRICK E.
<u>09909433</u>	Not Issued	160	07/19/2001	QUANTITATIVE ANALYSIS APPARATUS AND METHOD	GUIRE, PATRICK E.
<u>09907303</u>	<u>6444318</u>	150	07/17/2001	SELF ASSEMBLING MONOLAYER COMPOSITIONS	GUIRE, PATRICK E.
<u>09689038</u>	Not Issued	161	10/12/2000	QUANTITATIVE ANALYSIS APPARATUS AND METHOD	GUIRE, PATRICK E.
<u>09670766</u>	Not Issued	161	09/27/2000	HIGH DENSITY ARRAYS	GUIRE, PATRICK E.
<u>09631139</u>	Not Issued	161	08/02/2000	REPLICABLE PROBE ARRAY	GUIRE, PATRICK E.
<u>09240466</u>	<u>6514768</u>	150	01/29/1999	REPLICABLE PROBE ARRAY	GUIRE, PATRICK E.
<u>09227913</u>	<u>6465178</u>	150	01/08/1999	TARGET MOLECULE ATTACHMENT TO SURFACES	GUIRE, PATRICK E.
<u>09177318</u>	<u>6465525</u>	150	10/22/1998	LATENT REACTIVE BLOOD COMPATIBLE AGENTS	GUIRE, PATRICK E.
<u>09028806</u>	<u>6506895</u>	150	02/24/1998	PHOTOACTIVATABLE NUCLEIC ACIDS	GUIRE, PATRICK E.
<u>08940213</u>	<u>5858653</u>	150	09/30/1997	REAGENT AND METHOD FOR ATTACHING TARGET MOLECULES TO A SURFACE	GUIRE, PATRICK E.
<u>08636245</u>	<u>5741551</u>	150	04/23/1996	PREPARATION OF POLYMERIC SURFACES	GUIRE, PATRICK E.
<u>08173914</u>	<u>5512329</u>	150	12/27/1993	PREPARATION OF POLYMERIC SURFACES	GUIRE, PATRICK E.
<u>07891932</u>	<u>5654162</u>	150	06/01/1992	CHEMICAL ANALYSIS APPARATUS AND METHOD	GUIRE, PATRICK E.
<u>07891864</u>	<u>6020147</u>	150	06/01/1992	CHEMICAL ANALYSIS APPARATUS AND METHOD	GUIRE, PATRICK E.
<u>07816771</u>	Not Issued	166	01/02/1992	PREPARATION OF POLYMERIC SURFACES	GUIRE, PATRICK E.

<u>07681478</u>	<u>5217492</u>	150	04/03/1991	BIOMOLECULE ATTACHMENT TO HYDROPHOBIC SURFACES	GUIRE , PATRICK E.
<u>07675604</u>	Not Issued	166	03/25/1991	PREPARATION OF POLYMERIC SURFACES	GUIRE , PATRICK E.
<u>07671621</u>	<u>5258041</u>	150	03/19/1991	METHOD OF BIOMOLECULE ATTACHMENT TO HYDROPHOBIC SURFACES	GUIRE , PATRICK
<u>07609794</u>	Not Issued	168	11/06/1990	QUANTITATIVE ANALYSIS APPARATUS AND METHOD	GUIRE , PATRICK E.
<u>07574607</u>	Not Issued	168	08/28/1990	QUANTITATIVE ANALYSIS APPARATUS AND METHOD	GUIRE , PATRICK E.
<u>07574357</u>	Not Issued	169	08/28/1990	QUANTITATIVE ANALYSIS APPARATUS AND METHOD	GUIRE , PATRICK E.
<u>07558164</u>	Not Issued	166	07/25/1990	BIOCOMPATIBLE DEVICE WITH COVALENTLY BONDED BIOCOMPATIBLE AGENT	GUIRE , PATRICK E.
<u>07557985</u>	Not Issued	161	07/25/1990	BIOCOMPATIBILITY OF SOLID SURFACES	GUIRE , PATRICK E.
<u>07518260</u>	Not Issued	161	05/01/1990	PREPARATION OF POLYMERIC SURFACES	GUIRE , PATRICK E.
<u>07499193</u>	Not Issued	166	03/23/1990	BIOCOMPATIBLE COATINGS	GUIRE , PATRICK E.
<u>07447805</u>	Not Issued	161	12/08/1989	BIOCOMPATIBLE COATINGS	GUIRE , PATRICK
<u>07447802</u>	<u>5002582</u>	150	12/08/1989	PREPARATION OF POLYMERIC SURFACES VIA COVALENTLY ATTACHING POLYMERS	GUIRE , PATRICK E.
<u>07349884</u>	<u>4979959</u>	150	05/05/1989	BIOCOMPATIBLE COATING FOR SOLID SURFACES	GUIRE , PATRICK E.
<u>07223149</u>	Not Issued	166	07/22/1988	PREPARATION OF POLYMERIC SURFACES	GUIRE , PATRICK E.
<u>07138226</u>	Not Issued	166	12/24/1987	BIOCOMPATIBLE COATINGS	GUIRE , PATRICK
<u>07108765</u>	<u>4973493</u>	150	10/15/1987	METHOD OF IMPROVING THE BIOCOMPATIBILITY OF SOLID SURFACES	GUIRE , PATRICK E.

<a href="#">06920567</a>	Not Issued	166	10/17/1986	BIOCOMPATIBILITY OF SOLID SURFACES	GUIRE , PATRICK E.
<a href="#">06826148</a>	Not Issued	168	12/13/1985	FIELD ASSAY FOR LIGANDS	GUIRE , PATRICK E.
<a href="#">06657627</a>	4826759	150	10/04/1984	FIELD ASSAY FOR LIGANDS	GUIRE , PATRICK E.
<a href="#">06467229</a>	5073484	150	02/23/1983	QUANTITATIVE ANALYSIS APPARATUS AND METHOD	GUIRE , PATRICK E.
<a href="#">06428074</a>	4722906	150	09/29/1982	BINDING REAGENTS AND METHODS	GUIRE , PATRICK E.
<a href="#">06356459</a>	Not Issued	161	03/09/1982	QUANTITATIVE ANALYSIS APPARATUS AND METHOD	GUIRE , PATRICK E.

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... Instead, **Reactive** Ion Etching (RIE) must be used, which is ... the addition of a **polar solvent** is used ... of the technique that is called **Solvent-Assisted Micromold** ...

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... to **hydrophilic**, positively charged to negatively charged, and **polar** to apolar ... done by hydrolysis of tetramethoxysilane on **self-assembled monolayer** of 3 ...

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... 3-(triethoxysilyl) propyl isocyanate promote **reactive** sites and ... anchoring of liquid crystals on **self-assembled monolayers** ... of the same type **monolayer** formed on ...

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**ABSTRACTS**

... shown the existence of a non-**polar** interphase at ... Adsorption-Mediated **Self-Propelled Droplets**. ... grafting consist in attaching a molecular **monolayer** of **hydrophobic** ...

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... For example, they provide a **self-adhering** and **self-sustaining** structure ... being dissolved in it, they form a **monolayer** in which the **polar** heads are in ...

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... on electrodes patterned with a **self-assembled monolayer** (SAM ... is to deposit a patterned **monolayer**, usually an ... of diazo- methane to form non-**polar** poly(methylene ...

[doi.wiley.com/10.1002/1521-4095\(200112\)13:23%3C1753::AID-ADMA1753%3E3.3.CO;2-U](http://doi.wiley.com/10.1002/1521-4095(200112)13:23%3C1753::AID-ADMA1753%3E3.3.CO;2-U) - [Similar pages](#)

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... from a double layer with a **self-assembled** hexagonal ... We also prepared a 2-D colloidal **monolayer** of PS ... to **reactive** plasma produced relatively **polar** low-molecular ...

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... in capillaries (MIMIC) (24), **solvent-assisted** micromolding ... studied examples of nonbiological **self-assembling** systems ... 160 XIA & WHITESIDES the **monolayer** can be ...

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... apolar alkyl chains as their exposure to the **polar** water environment ... bilayer membranes  
(HBM: PL **monolayer** on a **self-assembled monolayer** (SAM) support ...

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... with those obtained by non-**polar** solvation experiments ... and energy dissipation during  
**monolayer** growth from ... arranged in a hierarchical, **self** similar, fashion ...

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